UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/660,613	09/13/2000	Edward W. Laves	29689/36514	7633

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EXAMINER
DUONG, THOMAS

ART UNIT	PAPER NUMBER
2143	

DATE MAILED: 10/27/2003

Please find below and/or attached an Office communication concerning this application or proceeding.

PTO-90C (Rev. 10/03)

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE _3_ MONTH(S) FROM
THE MAILING DATE OF THIS COMMUNICATION.
- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed
  after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any
  earned patent term adjustment. See 37 CFR 1.704(b).

Status

1)☒ Responsive to communication(s) filed on _13 September 2000_ .

2a)☐ This action is **FINAL**.   2b)☒ This action is non-final.

3)☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is
closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4)☒ Claim(s) _1-22_ is/are pending in the application.

    4a) Of the above claim(s) _____ is/are withdrawn from consideration.

5)☐ Claim(s) _____ is/are allowed.

6)☒ Claim(s) _1-22_ is/are rejected.

7)☐ Claim(s) _____ is/are objected to.

8)☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9)☒ The specification is objected to by the Examiner.

10)☒ The drawing(s) filed on _09/13/2000_ is/are: a)☒ accepted or b)☐ objected to by the Examiner.

    Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

11)☐ The proposed drawing correction filed on _____ is: a)☐ approved b)☐ disapproved by the Examiner.

    If approved, corrected drawings are required in reply to this Office action.

12)☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. §§ 119 and 120

13)☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

    a)☐ All b)☐ Some * c)☐ None of:

        1.☐ Certified copies of the priority documents have been received.

        2.☐ Certified copies of the priority documents have been received in Application No. _____ .

        3.☐ Copies of the certified copies of the priority documents have been received in this National Stage
application from the International Bureau (PCT Rule 17.2(a)).

    * See the attached detailed Office action for a list of the certified copies not received.

14)☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).

    a) ☐ The translation of the foreign language provisional application has been received.

15)☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

Attachment(s)

1) ☒ Notice of References Cited (PTO-892)   4)☐ Interview Summary (PTO-413) Paper No(s). _____ .

2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)   5)☐ Notice of Informal Patent Application (PTO-152)

3) ☒ Information Disclosure Statement(s) (PTO-1449) Paper No(s) _2_ .   6)☐ Other: .

DETAILED ACTION

Claim Objections

1.   *Claim 22* is objected to because of the following informalities:

- *claim 22* appears to depend on *claim 21*.

During the course of prosecution, examiner will treat as such. Please make the

appropriate correction.

Claim Rejections - 35 USC § 102

2.   The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that

form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

Claims 1-22 are rejected under 35 U.S.C. 102(e) as being anticipated by Ulrich et

al. (US006052735A).

3.   With regard to *claims 1 and 21,* Ulrich reference discloses,

- *retrieving a first time stamp generated when the first PIM data was*

    entered; (column 18, lines 50-55).

- *retrieving a second time stamp generated when the second PIM data was entered;* (column 18, lines 56-61).

- *comparing the first field identifier and the second field identifier;* (column 8, lines 37-44).

- *comparing the first time stamp and the second time stamp;* (columns 9-10, lines 67-4).

- *selecting the first PIM data as a primary data field and the second PIM data as a subordinate data field if the first field identifier matches the second field identifier and the first time stamp is later then the second time stamp;* (column 10, lines 44-52).

- *displaying the primacy data field on the display of the PDA; and* (column 12, lines 45-55).

- *displaying a symbol on the display of the PDA to indicate that the subordinate data field is available* (column 12, lines 45-55).

4.   With regard to *claims 2 and 22,* Ulrich reference discloses,

- *detecting a user input associated with the symbol;* (column 12, lines 45-55).

- *removing the primary data field from the display of the PDA in response to the detection of the user input associated with the symbol; and* (column 12, lines 45-55).

- *displaying the subordinate data field on the display of the PDA in response to the detection of the user input associated with the symbol* (column 12, lines 45-55).

5.   With regard to *claim 3,* Ulrich reference discloses,

- *further comprising the step swapping the primary data field and the subordinate data field* (column 11, lines 47-50).

6.   With regard to *claim 4,* Ulrich reference discloses,

- *further comprising the step of notifying a user during a PDA synchronization session that a subordinate data field exists* (column 11, lines 59-63).

7.   With regard to *claim 5,* Ulrich reference discloses,

- *further comprising the steps of paging through a plurality of subordinate data fields in response to a user command* (column 11, lines 45-55).

8.   With regard to *claim 6,* Ulrich reference discloses,

- *further comprising the step of reading a changed record flag to determine if the first PIM data changed* (column 12, lines 8-15).

9.   With regard to *claims 7 and 20,* Ulrich reference discloses,

- *further comprising the step of synchronizing a clock associated with the PDA and a clock associated with the computing device during a PDA synchronization session* (Flanagin et al. US006272545B1, column 4, lines 23-25).

10.   With regard to *claims 8 and 9,* Ulrich reference discloses,

- *further comprising the step of transmitting a synchronization request to a plurality of PDAs listed in a field specific work group, the field specific work group being associated with the first field identifier* (Flanagin et al. US006272545B1, column 3, lines 3-6).

11.   With regard to *claim 10,* Ulrich reference discloses,

- *wherein the step of transmitting a synchronization request to a plurality of PDAs listed in a field specific work group comprises the step of transmitting a synchronization request via an e-mail message, and* (columns 4-5, lines 66-14).

- *the method further comprises the step of receiving a synchronization initiation message via a TCP/IP protocol from one of the plurality of PDAs listed in the field specific work group* (columns 4-5, lines 66-14).

12.   With regard to *claim 11,* Ulrich reference discloses,

- *further comprising the step of archiving data including the primary data field and the subordinate data field at a host during a PDA synchronization session* (column 11, lines 47-50).

13.   With regard to *claim 12,* Ulrich reference discloses,

- *wherein the host comprises the computing device* (column 11, lines 47-50).

14.   With regard to *claim 13,* Ulrich reference discloses,

- *further comprising the steps of browsing the archived data using the PDA and retrieving selected archived data for storage in the PDA* (column 12, lines 32-38).

15.   With regard to *claim 14,* Ulrich reference discloses,

- *further comprising the step of automatically deleting a portion of the archived data after an aging period* (column 10, lines 32-43).

16.   With regard to *claim 15,* Ulrich reference discloses,

- *wherein the aging period comprises a user settable aging period* (column 10, lines 32-43).

17.   With regard to *claim 16,* Ulrich reference discloses,

- *a display device;* (sheet 3, figure 3).

- *a memory device storing a software program, a primary data field, and a subordinate data field; and* (sheet 4, figure 4).

- *a processor operatively coupled to the display device and the memory device, the processor executing the software program stored in the memory device; the processor retrieving the primary data field and the subordinate data field from the memory device, the primary data field being associated with a first field identifier and a first time stamp, the subordinate data field being associated with a second field identifier and a second time stamp, the first field identifier being equal to the second field , the first time stamp being more recent than the second time stamp, the*

processor causing the display device to hide the primary data field and

display the subordinate data field in response to a user input. (sheet 4,

figure 4).

18.   With regard to *claim 17,* Ulrich reference discloses,

- *wherein the memory device comprises a non-volatile component storing*

  the software program and a volatile component storing the primary data

  field and the subordinate data field (column 7, lines 51-56).

19.   With regard to *claim 18,* Ulrich reference discloses,

- *the processor causes the display device to display the primary data field*

  and a symbol indicative of the subordinate data field; and (column 12,

  lines 45-55).

- *the user input comprises a selection of the symbol* (column 12, lines 45-

  55).

20.   With regard to *claim 19,* Ulrich reference discloses,

- *the processor receives a notification that a subordinate data field exists;*

  and (column 11, lines 59-63).

- *the processor causes the display device to display the notification*

  (column 12, lines 45-55).

Conclusion

21.   The prior art made of record and not relied upon is considered pertinent to

applicant's disclosure:

- Flanagin et al. (US006272545B1)

- Ching (US006560620B1)

- Livschitz (US006470329B1)

- Alam et al. (US006324544B1)

- Discolo et al. (US006370566B2)

22.   Any inquiry concerning this communication or earlier communications from the

examiner should be directed to Thomas Duong whose telephone number is

703/305-1886. The examiner can normally be reached on M-F 7:30AM -

4:00PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's

supervisor, David A Wiley can be reached on 703/308-5221. The fax phone

numbers for the organization where this application or proceeding is assigned

are 703/305-3719 for regular communications and 703/305-3719 for After Final

communications.

Any inquiry of a general nature or relating to the status of this application or

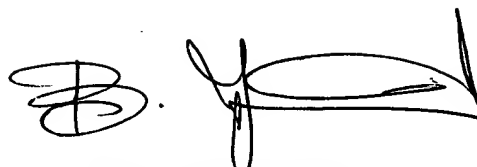proceeding should be directed to the receptionist whose telephone number is

703/305-3900.

Thomas Duong

Examiner

Art Unit 2143

October 14, 2003

BUNJOB JAROENCHONWANIT
PRIMARY EXAMINER